

SECRET

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ANODE-MECHANICAL MACHINE TOOL
IS SET FOR SERIES PRODUCTION

A. V. Shirev, a designer at the Leningrad Plant imeni Vtoroy pyatiletki, has developed a new anode-mechanical metal-cutting machine tool. The unit operates on the cutting principle worked out by Stalin Prize winner V. N. Gusev.

The plant has recently completed the first experimental model of Shirev's machine. Tests under production conditions have shown good results. It is a multipurpose machine capable of cutting round rolled-iron billets, profile-iron forgings, channel iron, angle bars, and other stock. It can also cut off hard-alloy blades for cutting tools.

The new unit differs from existing electric cutting machines in that the workpiece itself revolves. This permits the use of a disk only half the usual size.

A commission of specialists' has approved the design. Drawings for series production are now being made. Designation of the unit will be AR-300.

BUILDS RECORD NUMBER OF LATHES -- Tbilisi, Zarya Vostoka, 23 Aug 50

During July, the Tbilisi Machinery and Molding Plant turned out a record number of lathes. August should be an equally good month judging from the current rate of output. One turner has worked out a new method for boring lathe spindles. This operation, which used to take an hour, is now done in 15 minutes.

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INTERPLANT SCHOOL TO OPEN SOON -- Leningradskaya Pravda, 26 Aug 50

A new interplant Stakhanovite school for high-speed machine-tool operators will open soon at the Leningrad Plant imeni Karl Marks. Participating plants will include the Plant imeni Engel's, imeni Vtoroy pyatiletki, the Linotip Plant, and a number of other Leningrad enterprises belonging to the Ministry of Machine and Instrument Building.

OPERATES EIGHT MACHINE TOOLS SIMULTANEOUSLY -- Tallin, Sovetskaya Estoniya, 26 Aug 50

Workers at the Moscow Krasnyy proletarii Machine-Tool Plant have begun a socialist competition aimed at full utilization of all 480 minutes of the working day. One worker who used to operate 4-5 machine tools simultaneously is now operating eight. The new drive is part of the peace-watch campaign.

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